Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009992.D
Acq On : 11 May 2017 19:42
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICV040

Quant Time: May 12 06:54:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60201	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	272590	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	185849	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	455761	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	573930	20.00	ng		-0.02
86) Perylene-d12	23.66	264	459079	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	314939	81.87	ng		-0.02
7) Phenol-d6	6.95	99	511930	83.05	ng		-0.02
23) Nitrobenzene-d5	8.94	82	622604	83.47	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	205057	80.62	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1084519	78.04	ng		-0.02
78) Terphenyl-d14	19.80	244	2231851	81.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	60451	42.41	ng	#	100
3) Pyridine	3.68	79	219239	41.74	ng		92
4) n-Nitrosodimethylamine	3.60	42	118995	41.36	ng	#	63
6) Aniline	7.10	93	334962	41.85	ng	#	90
8) 2-Chlorophenol	7.33	128	171475	41.06	ng		82
9) Benzaldehyde	6.92	77	191881	41.59	ng	#	78
10) Phenol	6.97	94	279938	41.79	ng		88
11) bis(2-Chloroethyl)ether	7.20	93	212100	40.72	ng		86
12) 1,3-Dichlorobenzene	7.65	146	184686	39.61	ng	#	86
13) 1,4-Dichlorobenzene	7.80	146	192829	40.36	ng		94
14) 1,2-Dichlorobenzene	8.11	146	185894	40.13	ng	#	89
15) Benzyl Alcohol	8.02	79	225186	42.86	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.29	45	344712	41.70	ng		98
17) 2-Methylphenol	8.22	107	182773	41.80	ng	#	79
18) Hexachloroethane	8.83	117	84489	42.66	ng		90
19) n-Nitroso-di-n-propylamine	8.57	70	236458	42.28	ng	#	90
20) 3+4-Methylphenols	8.55	107	256428	43.08	ng		90
22) Acetophenone	8.60	105	344081	41.29	ng	#	89
24) Nitrobenzene	8.98	77	329154	41.47	ng	#	87
25) Isophorone	9.50	82	536974	41.83	ng	#	88
26) 2-Nitrophenol	9.69	139	98841	41.35	ng	#	33
27) 2,4-Dimethylphenol	9.75	122	184282	41.19	ng	#	82
28) bis(2-Chloroethoxy)methane	9.97	93	314974	40.73	ng		98
29) 2,4-Dichlorophenol	10.22	162	178860	41.09	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	211109	41.53	ng		92
31) Naphthalene	10.61	128	610655	40.69	ng		98
32) Benzoic acid	9.93	122	118461	39.58	ng	#	78
33) 4-Chloroaniline	10.73	127	260958	40.90	ng	#	76
34) Hexachlorobutadiene	10.87	225	140167	40.53	ng		95
35) Caprolactam	11.56	113	65367	38.43	ng	#	50
36) 4-Chloro-3-methylphenol	11.87	107	239003	41.08	ng		84
37) 2-Methylnaphthalene	12.22	142	438878	40.86	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	267118	39.49	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	41602	39.48	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	165309	39.70	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	180040	39.80	ng	#	87
45) 1,1'-Biphenyl	13.24	154	608485	39.34	ng		93
46) 2-Chloronaphthalene	13.29	162	490295	40.34	ng		96
47) 2-Nitroaniline	13.52	65	227592	41.36	ng	#	66
48) Acenaphthylene	14.14	152	766870	40.07	ng		100
49) Dimethylphthalate	13.88	163	654781	39.97	ng	#	98
50) 2,6-Dinitrotoluene	14.02	165	132584	39.94	ng	#	48
51) Acenaphthene	14.48	154	477536	39.59	ng		98
52) 3-Nitroaniline	14.35	138	142536	40.43	ng	#	48
53) 2,4-Dinitrophenol	14.57	184	63383	37.50	ng	#	79
54) Dibenzofuran	14.82	168	735248	39.79	ng		96
55) 4-Nitrophenol	14.68	139	90878	38.49	ng	#	4
56) 2,4-Dinitrotoluene	14.82	165	199426	40.61	ng	#	72
57) Fluorene	15.47	166	653910	40.14	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.05	232	156023	39.92	ng	#	100
59) Diethylphthalate	15.24	149	680034	39.54	ng		100
60) 4-Chlorophenyl-phenylether	15.46	204	347531	39.07	ng		96
61) 4-Nitroaniline	15.53	138	150572	41.92	ng	#	32
62) Azobenzene	15.76	77	849893	40.73	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	114068	39.37	ng	#	85
65) n-Nitrosodiphenylamine	15.69	169	582130	41.16	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	218508	40.37	ng	#	88
67) Hexachlorobenzene	16.47	284	242450	40.35	ng	#	92
68) Atrazine	16.64	200	207079	40.07	ng		93
69) Pentachlorophenol	16.83	266	106059	39.44	ng		90
70) Phenanthrene	17.22	178	1065831	40.74	ng		99
71) Anthracene	17.31	178	1069984	40.10	ng		98
72) Carbazole	17.59	167	959337	40.27	ng		99
73) Di-n-butylphthalate	18.13	149	1240950	40.97	ng	#	98
74) Fluoranthene	19.24	202	1353899	40.34	ng		99
76) Benzidine	19.43	184	582049	40.57	ng		99
77) Pyrene	19.60	202	1435156	42.02	ng		98
79) Butylbenzylphthalate	20.49	149	591772	41.61	ng	#	69
80) Benzo(a)anthracene	21.35	228	1409522	40.88	ng		98
81) 3,3'-Dichlorobenzidine	21.29	252	506886	39.90	ng	#	98
82) Chrysene	21.40	228	1312172	40.57	ng		97
83) Bis(2-ethylhexyl)phthalate	21.25	149	863103	40.64	ng		98
84) Di-n-octyl phthalate	22.14	149	1490380	40.91	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.99	276	1067020	39.14	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1250947	40.24	ng	#	96
88) Benzo(k)fluoranthene	23.01	252	1231202	41.68	ng		98
89) Benzo(a)pyrene	23.56	252	1112611	40.59	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	963667	39.84	ng	#	96
91) Benzo(g,h,i)perylene	26.71	276	885585	39.73	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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